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What is claimed is:

1. Apparatus, comprising:

a primary storage module, for storing an initial portion of each of a plurality of titles;

a secondary storage module, for storing at least a remaining portion of at least one of said plurality of titles; and

a controller, for processing user requests and causing said primary storage module to begin providing an output stream including an initial portion of a requested title;

said secondary storage module provisioning said primary storage module with a remaining portion of said requested title such that said output stream includes said initial portion and said remaining portion of said requested title.

- 15 2. The apparatus of claim 1, wherein said primary storage module comprises a disk drive array and said secondary storage module comprises at least one of a magneto-optical drive and a magnetic tape drive.
- 3. The apparatus of claim 1, wherein said primary storage module comprises a plurality of server modules, each of said server modules having associated with it a respective disk drive array, each of said server modules being capable of servicing a plurality of users.
  - 4. The apparatus of claim 3, further comprising:

a switch, for multiplexing the respective output streams of said server modules to form therefrom a multiplexed output stream.

- 5. The apparatus of claim 4, wherein each of said server modules has associated with it a respective output buffer capable of storing at least one service period of said respective server module output stream.
- 6. The apparatus of claim 1, further comprising:

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a transport processor, for receiving an output stream from said primary storage module and causing said output stream to be transported to at least one requesting user via a distribution network.

5 7. The apparatus of claim 1, further comprising:

a plurality of server modules, each of said server modules being associated a respective disk array, wherein:

a server module for storing at least an initial portion of a title operates as a primary storage module with respect to that title, and a server module storing a remaining portion of said title operates as a secondary storage module with respect to that title.

- 8. The apparatus of claim 7, wherein a first server module operating as a primary storage module with respect to a requested title is provisioned by a second server module operating as a secondary storage module for said requested title.
- 9. The apparatus of claim 7, further comprising:

a switch, coupled to each of said server modules via a buffer, for multiplexing the output streams of each of said server modules to produce therefrom a multiplexed output stream for subsequent transport.

- 10. The apparatus of claim 9, further comprising a transport processor, for adapting the multiplexed output stream primary storage switch for
  25 transporting requested titles to requesting users via a forward application transport channel (FATC).
  - 11. The apparatus of claim 9, wherein each of said respective server module buffers comprises a respective portion of a common memory module, said switch further comprising a direct memory access (DMA) output table for identifying the appropriate portions of the common memory module including data to be retrieved and provided to said switch output.
  - 12. The apparatus of claim 8, wherein:

each of said server modules is capable of servicing a plurality of users, and an overutilized server module is capable of migrating serviced users to an underutilized server module.

5 13. Apparatus, comprising:

an information server, for storing at least an initial portion of each of a plurality of titles;

a controller, for processing user requests and causing said information server to begin providing an output stream including at least said initial portion of a requested title to a transport processor; and

a remote storage module, for storing at least a remaining portion of at least one of said plurality of titles, said remote storage module providing as necessary to said information server said remaining portion of requested titles.

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- 14. The apparatus of claim 13, wherein said transport processor adapts said information server output stream to a format suitable for use in a forward application transport channel (FATC) delivering requested titles to users.
- 20 15. In an interactive information distribution system including provider equipment and subscriber equipment, said provider equipment communicating with said subscriber equipment via a network, provider apparatus comprising:

a controller, for interacting with subscribers to receive title requests; an information server, for storing titles and providing an output stream including titles requested by said subscribers; and

a transport processor, for transport encoding said output stream for subsequent distribution via said network;

said information server comprising a plurality of server modules, each of said server modules operating as at least one of a primary storage module and a secondary storage module, wherein a primary storage module store at least initial portions of a title and responsively provide said output stream including said initial portion of said title, and said secondary storage module

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stores at least a remaining portion of said title and provisions said primary storage module with said remaining portion of said title.

- 16. The apparatus of claim 15, wherein each server module is operably coupled to at least one primary storage device for storing at least an initial portion of each of a plurality of available content streams, and at least one secondary storage device for storing the remaining portion of at least one of said content streams.
- 17. The apparatus of claim 16, wherein said primary storage device comprises a disk drive array and said secondary storage device comprises at least one of a magneto-optical drive and a magnetic tape drive.
  - 18. The apparatus of claim 15, further comprising:

a switch, coupled to each of said server modules via a respective buffer, for multiplexing the respective output streams of said server modules to form therefrom a multiplexed output stream.

- 19. The apparatus of claim 18, wherein each of said respective server
  20 module buffers comprises a respective portion of a common memory module,
  said switch further comprising a direct memory access (DMA) output table
  for identifying the appropriate portions of the common memory module to be
  retrieved and provided to said switch output.
- 25 20. The apparatus of claim 19, wherein each respective buffer is capable of storing at least one service period of said respective output stream.
  - 21. A method, comprising the steps of:

accessing a content stream including at least an initial portion of a requested title, said initial portion being stored in a primary storage device;

initiating the streaming of said accessed content stream to a requesting user;

determining a location of a content stream including a remaining portion of said requested title; and

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provisioning said primary storage device with said content stream including said remaining portion of said requested title.

- 22. The method of claim 21, wherein said content stream including said remaining portion of said requested title is stored on a secondary storage device.
- 23. The method of claim 22, wherein said primary storage device comprises one of a plurality of server modules having stored therein said content stream including said initial portion of said requested title; and

said secondary storage device comprises one of a plurality of server modules having stored therein said content stream including said remaining portion of said requested title.

- 24. The method of claim 23, wherein each of said server modules functions as at least one of a primary storage device and a secondary storage device, wherein a server module storing a content stream including an initial portion of a title operates as a primary storage device with respect to that title, and a server module storing a content stream including a remaining portion of said title operates as a secondary storage device with respect to that title.
  - 25. The method of claim 23, wherein each of said server modules is capable of servicing a plurality of users, said method further comprising:

determining a utilization level for each server module; and migrating at least one user from an overutilized server module to a non-overutilized server module.

26. Method of claim 21, further comprising:

migrating a user receiving said content stream from said primary storage device to said secondary storage device where said secondary storage device comprises a server module.

27. Method of claim 21, further comprising:

migrating a user receiving said content stream from said primary storage device to said secondary storage device when a user load balancing among storage devices is appropriate.